

SEQUENCE LISTING

<110> ITOH, Kyogo
 SHICHIJO, Shigeki
 <120> Epidermal growth factor receptor (EGFR)-derived peptides
 <130> 547586
 <140> US 10/586,499
 <141> 2007-04-27
 <150> JP 2004-015676
 <151> 2004-01-23
 <160> 7
 <170> PatentIn version 3.2

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 <223> EGFR-derived peptide at position 800-809.

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 Asp Tyr Val Arg Glu His Lys Asp Asn Ile
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 Asn Tyr Asp Ala Asn Lys Thr Gly Leu
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<223> EGFR-derived peptide at position 1138-1147.

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35 40 45
Leu Ser Leu Gln Arg Met Phe Asn Asn Cys Glu Val Val Leu Gly Asn
50 55 60
Leu Glu Ile Thr Tyr Val Gln Arg Asn Tyr Asp Leu Ser Phe Leu Lys
65 70 75 80
Thr Ile Gln Glu Val Ala Gly Tyr Val Leu Ile Ala Leu Asn Thr Val
85 90 95
Glu Arg Ile Pro Leu Glu Asn Leu Gln Ile Ile Arg Gly Asn Met Tyr
100 105 110
Tyr Glu Asn Ser Tyr Ala Leu Ala Val Leu Ser Asn Tyr Asp Ala Asn
115 120 125
Lys Thr Gly Leu Lys Glu Leu Pro Met Arg Asn Leu Gln Glu Ile Leu
130 135 140
His Gly Ala Val Arg Phe Ser Asn Asn Pro Ala Leu Cys Asn Val Glu
145 150 155 160
Ser Ile Gln Trp Arg Asp Ile Val Ser Ser Asp Phe Leu Ser Asn Met
165 170 175
Ser Met Asp Phe Gln Asn His Leu Gly Ser Cys Gln Lys Cys Asp Pro
180 185 190

Ser Cys Pro Asn Gly Ser Cys Trp Gly Ala Gly Glu Glu Asn Cys Gln
 195 200 205
 Lys Leu Thr Lys Ile Ile Cys Ala Gln Gln Cys Ser Gly Arg Cys Arg
 210 215 220
 Gly Lys Ser Pro Ser Asp Cys Cys His Asn Gln Cys Ala Ala Gly Cys
 225 230 235 240
 Thr Gly Pro Arg Glu Ser Asp Cys Leu Val Cys Arg Lys Phe Arg Asp
 245 250 255
 Glu Ala Thr Cys Lys Asp Thr Cys Pro Pro Leu Met Leu Tyr Asn Pro
 260 265 270
 Thr Thr Tyr Gln Met Asp Val Asn Pro Glu Gly Lys Tyr Ser Phe Gly
 275 280 285
 Ala Thr Cys Val Lys Lys Cys Pro Arg Asn Tyr Val Val Thr Asp His
 290 295 300
 Gly Ser Cys Val Arg Ala Cys Gly Ala Asp Ser Tyr Glu Met Glu Glu
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 Asp Gly Val Arg Lys Cys Lys Lys Cys Glu Gly Pro Cys Arg Lys Val
 325 330 335
 Cys Asn Gly Ile Gly Ile Gly Glu Phe Lys Asp Ser Leu Ser Ile Asn
 340 345 350
 Ala Thr Asn Ile Lys His Phe Lys Asn Cys Thr Ser Ile Ser Gly Asp
 355 360 365
 Leu His Ile Leu Pro Val Ala Phe Arg Gly Asp Ser Phe Thr His Thr
 370 375 380
 Pro Pro Leu Asp Pro Gln Glu Leu Asp Ile Leu Lys Thr Val Lys Glu
 385 390 395 400
 Ile Thr Gly Phe Leu Leu Ile Gln Ala Trp Pro Glu Asn Arg Thr Asp
 405 410 415
 Leu His Ala Phe Glu Asn Leu Glu Ile Ile Arg Gly Arg Thr Lys Gln
 420 425 430
 His Gly Gln Phe Ser Leu Ala Val Val Ser Leu Asn Ile Thr Ser Leu
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 Gly Leu Arg Ser Leu Lys Glu Ile Ser Asp Gly Asp Val Ile Ile Ser
 450 455 460
 Gly Asn Lys Asn Leu Cys Tyr Ala Asn Thr Ile Asn Trp Lys Lys Leu
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 Phe Gly Thr Ser Gly Gln Lys Thr Lys Ile Ile Ser Asn Arg Gly Glu
 485 490 495
 Asn Ser Cys Lys Ala Thr Gly Gln Val Cys His Ala Leu Cys Ser Pro
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 Glu Gly Cys Trp Gly Pro Glu Pro Arg Asp Cys Val Ser Cys Arg Asn
 515 520 525
 Val Ser Arg Gly Arg Glu Cys Val Asp Lys Cys Lys Leu Leu Glu Gly
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530					535					540					
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Glu	Cys	Leu	Pro	Gln 565	Ala	Met	Asn	Ile	Thr 570	Cys	Thr	Gly	Arg	Gly 575	Pro
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Lys	Thr	Cys 595	Pro	Ala	Gly	Val	Met 600	Gly	Glu	Asn	Asn	Thr 605	Leu	Val	Trp
Lys	Tyr 610	Ala	Asp	Ala	Gly	His 615	Val	Cys	His	Leu	Cys 620	His	Pro	Asn	Cys
Thr 625	Tyr	Gly	Cys	Thr	Gly 630	Pro	Gly	Leu	Glu	Gly 635	Cys	Pro	Thr	Asn	Gly 640
Pro	Lys	Ile	Pro	Ser 645	Ile	Ala	Thr	Gly	Met 650	Val	Gly	Ala	Leu	Leu 655	Leu
Leu	Leu	Val	Val 660	Ala	Leu	Gly	Ile	Gly 665	Leu	Phe	Met	Arg	Arg 670	Arg	His
Ile	Val	Arg 675	Lys	Arg	Thr	Leu	Arg 680	Arg	Leu	Leu	Gln	Glu 685	Arg	Glu	Leu
Val	Glu 690	Pro	Leu	Thr	Pro	Ser 695	Gly	Glu	Ala	Pro	Asn 700	Gln	Ala	Leu	Leu
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Pro	Lys	Ala 755	Asn	Lys	Glu	Ile	Leu 760	Asp	Glu	Ala	Tyr	Val 765	Met	Ala	Ser
Val	Asp 770	Asn	Pro	His	Val	Cys 775	Arg	Leu	Leu	Gly	Ile 780	Cys	Leu	Thr	Ser
Thr 785	Val	Gln	Leu	Ile	Thr 790	Gln	Leu	Met	Pro	Phe 795	Gly	Cys	Leu	Leu	Asp 800
Tyr	Val	Arg	Glu	His 805	Lys	Asp	Asn	Ile	Gly 810	Ser	Gln	Tyr	Leu	Leu 815	Asn
Trp	Cys	Val	Gln 820	Ile	Ala	Lys	Gly	Met 825	Asn	Tyr	Leu	Glu	Asp 830	Arg	Arg
Leu	Val	His 835	Arg	Asp	Leu	Ala	Ala 840	Arg	Asn	Val	Leu	Val 845	Lys	Thr	Pro
Gln	His 850	Val	Lys	Ile	Thr	Asp 855	Phe	Gly	Leu	Ala	Lys 860	Leu	Leu	Gly	Ala
Glu 865	Glu	Lys	Glu	Tyr	His 870	Ala	Glu	Gly	Gly	Lys 875	Val	Pro	Ile	Lys	Trp 880

Met Ala Leu Glu Ser Ile Leu His Arg Ile Tyr Thr His Gln Ser Asp
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 Val Trp Ser Tyr Gly Val Thr Val Trp Glu Leu Met Thr Phe Gly Ser
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 915 920 925
 Lys Gly Glu Arg Leu Pro Gln Pro Pro Ile Cys Thr Ile Asp Val Tyr
 930 935 940
 Met Ile Met Val Lys Cys Trp Met Ile Asp Ala Asp Ser Arg Pro Lys
 945 950 955 960
 Phe Arg Glu Leu Ile Ile Glu Phe Ser Lys Met Ala Arg Asp Pro Gln
 965 970 975
 Arg Tyr Leu Val Ile Gln Gly Asp Glu Arg Met His Leu Pro Ser Pro
 980 985 990
 Thr Asp Ser Asn Phe Tyr Arg Ala Leu Met Asp Glu Glu Asp Met Asp
 995 1000 1005
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 Thr Ser Asn Asn Ser Thr Val Ala Cys Ile Asp Arg Asn Gly Leu Gln
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 Ser Cys Pro Ile Lys Glu Asp Ser Phe Leu Gln Arg Tyr Ser Ser Asp
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 Pro Thr Gly Ala Leu Thr Glu Asp Ser Ile Asp Asp Thr Phe Leu Pro
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 Val Pro Glu Tyr Ile Asn Gln Ser Val Pro Lys Arg Pro Ala Gly Ser
 1090 1095 1100
 Val Gln Asn Pro Val Tyr His Asn Gln Pro Leu Asn Pro Ala Pro Ser
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 Arg Asp Pro His Tyr Gln Asp Pro His Ser Thr Ala Val Gly Asn Pro
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 Glu Tyr Leu Asn Thr Val Gln Pro Thr Cys Val Asn Ser Thr Phe Asp
 1140 1145 1150
 Ser Pro Ala His Trp Ala Gln Lys Gly Ser His Gln Ile Ser Leu Asp
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 Asn Pro Asp Tyr Gln Gln Asp Phe Phe Pro Lys Glu Ala Lys Pro Asn
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 1205 1210

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